

Harshvardhan Kedia

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EDUCATION

BTech. Computer Science and Engineering (AIML)
Shri Ramdeobaba College of Engineering and Management

Nagpur, Maharashtra, India | Present
CGPA: 9.54/10

SSC
Centre Point School Wardhaman Nagar

Nagpur, Maharashtra, India | May 2020
95.4%

PROJECTS

Crop Yield Prediction Application

- Developed a machine learning-based crop yield prediction system using soil, weather, and crop data, achieving 97% prediction accuracy.
- Processed and analyzed 10,000+ agricultural records and evaluated multiple ML models to improve forecasting reliability.
- Enabled data-driven decision-making for farmers, improving crop planning and resource utilization.
- Technologies: Python, Scikit-learn, Pandas, NumPy

Kisan Vikas – Farmer Knowledge Sharing Platform

- Built a digital knowledge-sharing platform enabling 100+ farmers to exchange modern farming techniques and best practices through 200+ shared posts/resources.
- Designed user-friendly interfaces that increased engagement and content sharing by 40%.
- Implemented backend APIs to support scalable collaboration and content delivery.
- Technologies: Flutter / Web Technologies, Backend APIs

Mental Health Analyzer & Movie Recommender

- Collaborated an NLP-based mental health analysis system using text preprocessing and classification, achieving 90%+ accuracy.
- Built a personalized movie recommendation engine using sentiment analysis on 5,000+ user reviews, improving content relevance by 30%.
- Processed 5,000+ text samples to improve sentiment prediction and recommendation quality.
- Technologies: Python, NLP, Scikit-learn, Machine Learning

Real-Time Stock Market Analytics Application

- Developed a real-time stock market analytics platform with live prices, interactive charts, watchlists, and personalized alerts, supporting 1,000+ tracked stocks with sub-second data refresh.
- Integrated AI-powered insights and daily market news summaries, reducing manual analysis effort by 35% and improving user responsiveness by 40%.

ACHIEVEMENTS

- Certifications: Google Project Management: Specialization, Participated in ML & IoT Workshop
- Hackathons : Participated in SIH 2025 , Adobe India Hackathon
- Extracurricular : district level basketball player

SKILLS

Languages: Python, Java, C++, SQL

Frameworks: React, Flutter, Scikit-learn, TensorFlow, Docker

Tools: Git, GitHub, Figma, VS Code

Databases: MongoDB, MySQL

Soft Skills: Communication, Leadership, Adaptability